

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
INTELLIGENT TRANSPORTATION SYSTEM COMMITTEE

September 16, 1998  
MAG Office Building, Ocotillo Conference Room  
302 North First Avenue  
Phoenix, Arizona

MEMBERS ATTENDING

Steve Hogan, Scottsdale, Chairman  
David Sabers for Jim Book, Glendale  
Ty Hofflander, Chandler  
Gary Thomas, Gilbert  
Pierre Pretorius for Tom Buick, Maricopa  
County  
Alan Sanderson, Mesa  
Mike Frisbie for Jim Matteson, Phoenix  
Scott Miller, RPTA

\*Mike Branham, Surprise  
Ed VanDerGinst, Tempe  
Tim Wolfe, ADOT  
Alan Hansen, FHWA  
Cydney DeModica, AAA  
\*Jonathan Upchurch, ASU  
Richard Traill, Phoenix Aviation

\*Members neither present nor represented by Proxy.

OTHERS PRESENT

Sarath Joshua, MAG  
Dan Powell, AZTech  
Tom Fowler, FHWA  
Nathaniel Price, FHWA  
Linsey Woodmansee (Desert Vista HS student observer)  
Mike Spiller (Desert Vista HS student observer)

Paul Ward, MAG  
Henry Wall, KHA  
Jessie Yung, FHWA

1. Call to Order

The meeting was called to order at 10:05 a.m. by Chairman Steve Hogan.

2. Approval of the July 22, 1998 Meeting Minutes

The minutes of the July 22, 1998 meeting were unanimously approved.

3. Call to Audience

Chairman Hogan made a call to the audience providing an opportunity to members of the public address the ITS Committee. None in the audience addressed the Committee.

4. MOVE-IT Committee Presentation

Steve Hogan provided a brief summary of the MAG presentation to the MOVE-IT Committee on July 30<sup>th</sup> on the ITS Strategic Plan. Tim Wolfe informed that the MOVE-IT Committee had requested information on traffic signal synchronization needs and the possibility of future funds for this purpose.

5. Update on AZTech, AZTech Phase 2 & Future of AZTech

Pierre Pretorius provided an update on the progress of the AZTech project and on AZTech Phase 2 proposals. He emphasized on the crucial role of private sector partners in ITS deployment. Some of his observations for successful partnerships are: strong contract terms with written deliverables and the development of a degree of trust. Pierre also noted that one should not put all the eggs in one basket in ITS Deployment referring to the need for contingency plans. In response to a question by Mr. Hogan on how many of the city leaders are aware of AZTech, Mr. Pretorius indicated that a number of AZTech presentations have been made to city councils and more have been scheduled.

Dan Powell provided a brief overview of a concept for the future of AZTech. He indicated that it was not a proposal to replace the current roles of either MAG or ADOT. Ed VanDerGinst asked who would be in the new group and who will form it. AZTech will be developing white paper on this subject and would require legislative approval for the establishment of a new organization. Steve Hogan indicated that the intent was to preserve AZTech perhaps by utilizing the resources of an organization such as ITS Arizona.

Alan Hansen noted that three topics were being discussed: 1) Organizational white paper 2) Strategic Plan Update, and 3) Regional ITS Architecture. The committee agreed that the organizational white paper should continue to be an AZTech activity and the Strategic Plan Update and Regional Architecture to be a committee supported activity. Tim Wolfe stated that the statewide ITS architecture is being defined in accordance with NSA. Pierre Pretorius stated that a near term AZTech activity will involve mapping the MDI project according to the national ITS architecture.

6. Update on the ITS Rating System

Mr. Joshua reported that work on the ITS Rating System was nearly complete with two of the three components in draft final form. The three components were described as being applicable to ITS projects that are Route Specific, Area wide or Transit. Alan Sanderson clarified the reasoning behind the route specific rating system that was provided as Attachment Two. Scott Miller provided an overview of the Transit component. Mr. Sanderson complimented the excellent work carried out by Mr. Paul Ward of MAG staff in defining the rating system.

7. Regional ITS Strategic Plan Update and Regional ITS Architecture

Sarath Joshua presented the need to update the ITS strategic plan and the development of a regional ITS architecture. Tim Wolfe commented that at the time the Strategic Plan was being developed National ITS Architecture was not available. Mr. Henry Wall indicated that parts of the strategic plan were mapped to the ITS Architecture. The committee requested Sarath to provide a more detailed presentation on what may be involved in such an undertaking.

8. FMS & MAG Life Cycle Program

Sarath Joshua presented new FMS projects that may be added to the MAG Life Cycle Program based on the level of service “D” criteria used by ADOT for determining when to implement full FMS features on freeways. Referring to handout he indicated that the levels of service were based on the MAG transportation model. Where three LOS values were shown, i.e. C/D/E, they refer varying levels of service on adjacent segments.

9. ITS Applications for Dial-a-Ride

Scott Miller presented applications of ITS technology in Dial-a-Ride systems. His presentation covered software applications for trip scheduling, automatic dispatching and client registration and hardware such as Mobile Data Terminals(MDT), Automatic Vehicle Location(AVL) systems and Electronic Fare Payment systems. Mr. Miller also mentioned other applications such as Interactive Voice Response, In-vehicle Security Technology and Mechanical Systems Monitoring. In the following discussion Mr. Dick Traill pointed out that Phoenix Aviation is in the process of implementing a Differential GPS based guidance system at the Sky Harbor Airport. The DGPS signal will be available for aviation vehicles and others such as taxis.

10. Status Reports by Committee Members on ITS Activities

Alan Hansen announced upcoming training courses on Incident Management and NTCIP. Dan Powell mentioned the need to verify that systems are Y2K compliant and shared the URL for further information on Y2K at <http://pti.nw.dc.us/y2kits.htm>. Pierre Pretorius stated that AZTech project required compliance with Y2K for all cities.

Tim Wolfe stated that the State Transportation Board had approved 46 new VMSs targeted for corridors such as I-17 and SR 87. He also stated that 120 VMS will be deployed in rural areas statewide.

Sarath Joshua reminded members of the Fifth Annual ITS Arizona Conference scheduled for September 29, 1998

The meeting was adjourned at 12:05 p.m.